

Amendments to the Claims:

1. **(Original)** A method for removing membranous lead sulfate deposited on electrodes of a lead-acid battery due to sulfation, featured by using a pulse current having a short pulse width to bring about a conductor skin effect for intensively dissolving the surface layer of said membranous lead sulfate deposited on said electrodes of said battery.
2. **(Original)** The method set forth in claim 1, featured by charging said lead-acid battery while or after applying said pulse current to said battery, to resolving the lead sulfate dissolved by applying said pulse current.
3. **(Currently amended)** The method set forth in claim 1-~~or 2~~, wherein said pulse width of said pulse current is less than 1 μ s.
4. **(New)** The method set forth in claim 2, wherein said pulse width of said pulse current is less than 1 μ s.